

BILL OF QUANTITIES FOR CIVIL WORKS					
AT STATE BANK OF INDIA., PHAGWARA. BRANCH, PUNJAB.					
S.N	ITEM	QTY	UNIT	RATE	AMOUNT
1	VITRIFIED TILE FLOORING				
	Providing & fixing vitrified tiles of size 800x800 mm or 1m x 1m of approved make in flooring laid in any pattern as specified over base of 20 mm thick cement coarse sand mortar 1:3, and jointed with white cement slurry mixed with pigment to match the shade to tiles. The tiles shall be of premium quality double charged (first quality) of reputed manufacture i.e. JOHNSON/NITCO/KAJARIA/SUNHEART The work also includes dismantling of existing floor/wall tiles or stone & removal of malba and disposal of the same away from site.	310	Sq.mt		
	Cost of Tile Rs. 70/ sq.ft inclusive of delivery, Octroi, loading- Unloading at site and all taxes thereon excluding GST.				
2	Granite flooring				
	Providing , Laying & fixing of granite stone (Grey shade)15mm to 18mm thick in flooring/skirting treads & risers of steps,laid in any pattern as specified over base of 20mm thick cement slurry mixed with pigment to match the shade of granite stone. The work also includes dismantling of existing floor/wall tiles or stone & removal of malba and disposal of the same away from site	18	Sq.mt		
3	Granite nosing				
	Providing & fixing 1 1/2" thk.Double Granite moulding (full round) as nosing on steps,including polishing complete in all respects as/ drawing to the satisfaction of the Bank Engg./Architect.	6	Rmt		
4	Granite Counter for Pantry				
	Providing , Laying & fixing of RCC Slab/Counter in Pantry 3" thk. and 21" -24" wide with cutting and provision of SS Sink., including brick work for support, steel reinforcement, Centring and shuttering including strutting, propping etc. and removal of form and providing granite stone (Grey shade) 15mm to 18mm thick laid in any pattern as specified over base of 20mm thick cement slurry mixed with pigment to match the shade of granite stone also including half round nosing complete to the satisfaction of Engg. in charge / Architect.	1.12	Sq.mt		
5	Vinyl Flooring				
	Providing and fixing 2mm thick Roll formed vinyl flooring of Tusker or Armstrong or approved make laid as per manufacturers specifications and directions. All guarantees and warranties' documents provided by the manufacturer to be taken on clients' name and shall be passed on to the client after completion of works, during final handover. Make : Armstrong/Responsive/Tarkett	18	Sq.mt		
	Cost of Vinyl Floor Rs. 75 / sq.ft inclusive of delivery, Octroi, loading- Unloading at site and all taxes thereon excluding GST.				
6	CIVIL WORKS				
i	Dismantling Brickwork manually/mechanical means including stacking of servicable material and disposal of unservicable material with in 50 m as per direction of Engineer in charge.	35	Sq.mt		
ii	Dismantling G.I. pipes (internal & external work) for replacement in existing toilets including excavation and refilling trenches after taking out the pipes, manually/ by mechanical means including stacking of pipes within 50 metres lead as per direction of Engineer-in-charge:				
	15 mm to 40 mm nominal bore	1	Job		

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iii	Dismantling C.I. pipes including excavation and refilling trenches after taking out the pipes, manually/ by mechanical means breaking lead caulked joints, melting of lead and making into blocks including stacking of pipes & lead at site within 50 metre lead as per direction of Engineer-in-charge:				
	Up to 150 mm diameter	1	Job		
iv	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means over areas (exceeding 30cm in depth. 1.5 m in width as well as 10 sqm on plan) including disposal of excavated earth, lead upto 50m and lift upto 1.5m, disposed earth to be levelled and neatly dressed.	5.5	Cum		
v	115mm thick brick masonry : Half brick masonry with common burnt clay F.P.S (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level., including providing and placing in position 2 Nos. 6mm dia. M.S. bars at every third course of brick masonry.	90	Sq.mt		
	Cement mortar 1:4(1 cement :4 coarse sand)				
vi	230mm thick brick masonry : Brick work with common burnt clay F.P.S (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes (Old bricks from dismantaled wall shall be used along with new bricks as/availability)	12	Cumt		
vii	Cement mortar 1:6(1 cement: 6 coarse sand)				
	12 mm cement plaster of mix :				
	1:6 (1 cement: 6 fine sand)	220	Sq.mt		
viii	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircase and spiral stair cases up to floor five level excluding the cost of centering, shuttering, finishing and reinforcement with 1:2:4 (1 cement: 2 coarse sand : 4 graded stone aggregate 20 mm nominal size).				
	Work Including				
	Centring and shuttering including strutting, propping etc. and removal of form for: Lintels, beams, plinth beams, girders, bressumers and cantilevers., Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level.				
		4.00	Sqm		
ix	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :				
a	1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size)	1.10	Cum		
b	1:4:8 (1 cement : 4 fine sand : 8 graded stone aggregate 40 mm nominal size) (FOR INCREASE IN FLOOR LEVEL)	27.00	Cum		
x	Supplying and filling in plinth with Jamuna sand under floors, including watering, ramming, consolidating and dressing complete.	55.00	Cum		
7	VITRIFIED TILE DADO & FLOORING in TOILETS				
	Providing and laying 1st quality Viterified glazed/matt finish tiles 600mmx 600mm (as specified in Dado (thickness to be specified by the manufacturer approx 9mm) Water absorption of tiles shall be less than 0.5% and flexural strength (Modulus of Rupture) shall be more than 35 N/Sqmm. on 20 mm thick cement mortar 1:4(1 cement: 4 coarse sand), including grouting the joints with white cement and matching pigments etc., complete. Approved makes(Nitco, Johnson, AGL, Kajaria,Sunheart) Basic rate of tile: Rs 60/-per Sq.ft	74	Sq.mt		
	(Note: Work Incl.Dismantling of existing tiles and disposal of material to contractors own dump.)				

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8	Providing and fixing Polyethelene-Aluminium-Polyethelene PE-ALPE Composite Pressure Pipes conforming to IS - 15450, U.V. stabilized with carbon black having thermal stability for hot & cold water supply, capable to withstand temperature up to 80°C, including all special fittings of composite material (engineering plastic blend and brass inserts wherever required) e.g. elbows, tees, reducers, couplers & connectors etc., with clamps at 1.00 metre spacing. This includes testing of joints complete as per direction of the Engineer-in-charge.				
	Concealed work, including cutting chases and making good the wall etc.				
	1216 (16 mm OD) pipe	15	Rmt		
	1620 (20 mm OD) pipe	30	Rmt		
	2025 (25 mm OD) pipe	10	Rmt		
9	Providing & Fixing in position European type water-closet suite (as approved by the Architect/Engineer-In-Charge), syphonic type consisting of:				
	HINDWARE : OLIVIA S-220 One Piece Closet or JAQUAR/CERA Rimless Single Piece WC with UF Soft Close Slim Seat Cover, Hinges, Dual Flush Cistern Fitting, Fixing Accessories And Accessories .				
	Complete in all respects including connecting with existing CI pipe with CI/PVC pipes , removing existing fixtures including cutting & making good the walls & floors.				
	Including Providing & fixing of stainlen steel JET set to be provided along European seat, fixed complete in all respects to the satisfaction of Architect/Engineer -In-Charge. Make:(VIKING/JAL/JAQUAR)	3	NO'S		
10	Providing and fixing in position approved make C.P.Brass liquid soap dispenser fixed into wall with C.P. brass screws complete in all respects including cutting and making good the wall etc. Make: Jaquar ACN-1135N Soap Dispenser with Glass Bottle (Hindware/Cera)	3	NO'S		
11	Providing and fixing in position best indian make bevelled edge 5.5mm thick mirror mounted on asbestos sheet ground fixed in position by means of 4.no Chromium plated brass screws & washers over rubber washers & rawl plug embedded in the wall or Chromium plated brass clamps with c.p. brass screws (as required by the Architect/Engineer-In-Charge) complete including cutting & making good walls ect.Size(600x910mm)	4	Sq.mt		
12	Providing and fixing CP Brass towel ring complete with brackets fixed to wooden cleats with CP brass screws with concealed fitting arrangement of approved quality and color. Make: Jaquar ACN-1121N Towel Ring Square with Round Flange (Hindware/Cera)	3	NO'S		
13	Providing & Fixing in position white viterous China flat back lipped front URINAL,Consisting of:-				
	Hindware Fb – Large Standard Urinal or Jaquar/Cera				
	with Jaquar Urinal Valve Auto Closing System with Built-in Control Cock with Wall Flange PRS-CHR-077				
	C.P.Brass Spreadres with brass unions & G.I.Clamps,complete including cutting	1	NO'S		
	Including C.P Bottle Trap " Jaquar make" Code : ALD 769 (Hindware/Cera)				
14	Providing & fixing in position Lavatrry suites cousistry of :-				
	PEDESTAL WB "ELEGANCE" – SW				
	C.I.Brackfast for building into wall including painting.				
	32mm C.P.Brass waste of standard pattern.				

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	15mm C.P. Brass screw down pillar tap with couplings (Pressmatic Jaquar Cat No: PRS-031)				
	Including C.P Bottle Trap " Jaquar make" Code : ALD 769				
	All brass wok chromium plated and complete in all respects including cutting & making good the walls,floors & paintry of fittings ect.	3	NO'S		
	(Hindware/Cera)				
15	Providing & fixing CP Jali, complete in all respects.	8	each		
16	Providing & fixing G.I. reducer (Snw/ Unique) for floor drain, complete 75 x 50mm size.	3	each		
17	Providing & fixing C.P brass bib cock of approved make conforming to isi 8931 ORP-10037PM Bib Cock with Wall Flange(15mm nominal bore) Make : Jaquar/ Hindware/Cera	3	NO'S		
18	Providing & fixing C.P brass ORP-10173BPM Single Lever Sink Mixer with Swinging Spout (Table Mounted) with 450mm Long Braided Hoses Make : Jaquar/ Hindware/cera	1	NO'S		
19	Providing & fixing C.P. brass stop cock conforming to isi:8931(15 mm nominal bore.) ORP-10053PM Angular Stop Cock with Wall Flange Make : Jaquar/ Hindware/Cera	13	NO'S		
20	Plastic Emulsion Paint				
	Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade :.	30	Sq.mt		
	Make:- Asian paints/ICI Dulux/Nerolac.				
21	Providing & fixing A TYPE PVC pipes of supreme/Finolex/Ashirwad make or equivalent in position of required size and length with special fittings, traps, bends, ys, floor & nahani traps etc. Including chemical sealed joints as required at site making necessary connections upto manhole or for w.c. & waste water lines, chambers to be constructed wherever necessary , unused lines for w.c. & waste water to be removed, the rate shall include all incidental work, cutting & making good walls & floors etc. Complete. Please visit the site for inspection.	1	No's		
22	Supplying and fixing rolling shutters of approved make, made of required size M.S. laths, interlocked together through their entire length and jointed together at the end by end locks, mounted on specially designed pipe shaft with brackets, side guides and arrangements for inside and outside locking with push and pull operation complete, including the cost of providing and fixing necessary 27.5 cm long wire springs manufactured from high tensile steel wire of adequate strength conforming to IS: 4454 - part 1 and M.S. top cover of required thickness for rolling shutters.	7	Sq.mt		
23	Providing & fixing M.S grilled shutters manufactured out of 8 mm dia M.S. bar as per design approved by Engineer-in- charge, (area of grill to be measured).	27	Sq.mt		
24	Removal & Re-fixing of MS Shutter and Grill including Brick dismantling and construction, work also includes oiling/repair of shutters/grill as required including providing and fixing new channels, ms plates, sections, handles, locks etc. as required and enamel paint of same complete in all respects.	1	JOB		
25	Door to System room - Fire rated steel door including frame - 2 (Two) Hrs Metal test certeficate will be provided issued from GQMC.	Sq.mt	1.95		

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a)	Frame - Providing and fixing fire resistant door frame of section 100 x 50 mm having built in rebate out made up of 1.2 mm GPSP Sheet duly powder coated / 16 SWG G.I. sheet (zinc coating not less than 120 gm / sqm) duly filled with vermiculite based concrete mix, suitable for mounting 120 minutes fire rated door shutters. The frame is fitted with intumescent fire seal strip of size 10 x 4 mm (minimum) around the frame and fixing with dash fastener of approved size and make, including apply a coat of approved brand fire resistant primer etc. complete as per direction of Engineer – in charge (including Dash fasteners).				
b)	Shutter - Providing and fixing Metal Door Shutter 46 mm thk.made up of 0.8mm thick GPSP Sheet. Glazed fire resistant door shutters of 120 minutes fire rating conforming to IS : 3614 (Part – II), tested and certified as per laboratory approved by Engineer – in – charge, with suitable mounting on door frame, the entire shutter filled insulation material / Honeycomb craft paper of 160gsm (zinc coating not less than 120 gm/m2) and fixing with necessary stainless steel ball bearing hinges of approved make,provision of Fire Rated Wired Glass size of glass 300 X 200 including applying a coat of approved fire resistant primer etc. all complete as per direction of Engineer – in charge (paneling to be paid for separately).				
c	Hardware for fixing - Fire rated steel door including frame Providing and fixing following hardware for fixing fire rated steel door including frame, complete. Hinges 4X3X3 (Min. 3Nos), Pull Handle 19 X 250mm - Pair, Dead Lock, Fire Rated Wired Glass size - 300 X 200, Fastners Hilti 10 X 92mm - (Min - 10Nos.)				
24	Panelling With Aluminium Composite Panels (With Aluminium Frames) Supplying & fixing 3mm thick Aluminum component sheet of approved make and shade including making of ground of (1"X2") aluminum hollow section as per design ,with 6mm-19mm wide vertical or horizontal groove finished with Dow Cowing sealant (789) as per Architect's drawings & instructions aluminum componenet sheet should be of virgin grade and having aluminum profile thickness of 0.25mm on both sides of core. The rate is inclusive of all fixtures and fittings (with sealent) for proper finish. The works includes front face shutter boxing complete. the rate includes all required shuttering, scafoulding, labour, material, complete.	Sq.mt		56.00	
26	ALUMINUM SHUTTERS FOR ELECTRICAL PANEL with LOUVERS Providing and fixing aluminum shutters over Aluminum frame with frame of section size of 115mm x 45mm in 16 gauge with side box cladded with ACP sheets and openebale shutters with Aluminum louvers of 77.6mm x 27.6mm of weight 0.483/m including powder coating of selected shade and all desired hardware of approved make fixed at site complete in all respects to the satisfaction of Architect., Engg. in Charge	6.00	Sq.mt		
	TOTAL				